

Message Text

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ACTION EUR-25

INFO OCT-01 ARA-16 EA-11 ISO-00 SS-20 NSC-07 SCI-06 HEW-08

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USMISSION EC BRUSSELS

USMISSION OECD PARIS

AMEMBASSY BRUSSELS

EUEHKO/AMEMBASSY TOKYO 220

AMEMBASSY WELLINGTON

AMEMBASSY MEXICO CITY

AMEMBASSY MANILA

AMEMBASSY JAKARTA

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TAGS: SENV, NATO

SUBJECT: CCMS: MAY 1974 PLENARY TURIN-GEOTHERMAL ENERGY
PILOT STUDY

1. U.S. (BRESEE) REPORTED AS FOLLOWS ON EVOLUTION OF THE NEW
CCMS GEOTHERMAL ENERGY PILOT STUDY WHICH WAS APPROVED AT LAST
CCMS PLENARY IN NOVEMBER 1973. SUBSEQUENT TO THAT
APPROVAL, THE FIRST GEOTHERMAL IMPLEMENTATION CONFERENCE
WAS HELD IN WAIREKAI AND ROTORUA, NEW ZEALAND, APRIL 29-
MAY 3, 1974. IN CONJUNCTION WITH THIS CONFERENCE, A
CCMS GEOTHERMAL MEETING WAS HELD.

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2. THE MOST SIGNIFICANT RESULT OF THE CONFERENCE AND THE
CCMS MEETING IN NEW ZEALAND WAS AGREEMENT TO RECOMMEND A
ONE-YEAR TEST OF TWO LINKED GEOTHERMAL INFORMATION CENTERS, CON-
SISTING OF THE ITALIAN FACILITIES AT PISA AND THOSE OF

THE LAWRENCE LIVERMORE LABORATORIES IN CALIFORNIA AND THE U.S. GEOLOGICAL SURVEY IN RESTON, VIRGINIA. EACH CENTER WILL SHARE FILES AND NEW INFORMATION CODED AND INTRODUCED INTO THE SYSTEM BY EITHER CENTER. BOTH BIBLIOGRAPHIC AND SELECTED NUMERIC INFORMATION WILL BE HANDLED BY THE CENTERS, UNDER THE OVERALL SUPERVISION DURING THE FIRST YEAR OF A TEN-MAN COMMITTEE OF REPRESENTATIVES OF FIVE NATIONS. ITALY AND THE U.S. WILL PROVIDE STAFF FOR THE CENTERS, BUT NOMINAL CHARGES TO USERS WILL COVER THE OTHER OPERATING COSTS. PARTICIPATING NATIONS WILL BE RESPONSIBLE FOR SUPPLYING NEEDED INFORMATION TO EITHER CENTER. COSTS OF USE OF THE CENTERS WILL DEPEND ON THE LEVEL OF PARTICIPATION.

3. TENTATIVE AGREEMENT WAS REACHED AS THE RESULT OF THE BRINE TREATMENT AND DISPOSAL SESSION TO RECOMMEND A COORDINATED PLANNING AND EXPERIMENTAL BRINE REINJECTION ACTIVITY INVOLVING THE TWO NATIONAL PROGRAMS WHICH WILL BE CARRIED OUT IN THE NEAR FUTURE, THOSE OF NEW ZEALAND AT ITS BROADLANDS FIELD AND THE U.S. AT THE BUREAU OF RECLAMATION'S EAST MESA FACILITIES. TURKEY ALSO EXPRESSED INTEREST IN THIS PROGRAM. FURTHER, ITALY, NEW ZEALAND AND THE U.S. DELEGATES IN NEW ZEALAND TENTATIVELY AGREED TO RECOMMEND A COOPERATIVE INVESTIGATION OF SURFACE SUBSIDENCE ASSOCIATED WITH FIELD PRODUCTION. FINALLY, THE FRG, MEXICO AND THE U.S. WILL INVESTIGATE THE FEASIBILITY OF A COOPERATIVE GEOTHERMAL DESALTING PROGRAM.

4. CONTINUED PROGRESS OF THE NON-ELECTRIC GEOTHERMAL PROJECT WAS NOTED AT THE NEW ZEALAND CONFERENCE. BOTH ASIAN AND EUROPEAN STUDY TOURS ARE BEING EMPLOYED TO SUPPLY INFORMATION FOR THE STATE-OF-THE-ART REPORT SCHEDULED FOR PUBLICATION IN LATE FALL. THE ACTIVE COOPERATION WAS SECURED OF REPRESENTATIVES OF SEVERAL NATIONS AT THE CONFERENCE IN PREPARING DETAILED DESCRIPTIONS OF NON-ELECTRIC USES IN THEIR COUNTRIES. A STANDARD QUESTIONNAIRE AND PROPOSED SCHEDULE FOR THE REPORT UNCLASSIFIED

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PREPARATION WAS DISTRIBUTED.

5. THE CURRENT STATUS OF THE TECHNOLOGY OF CORROSION AND PRECIPITATION, BINARY POWER CYCLES, AND RESERVOIR ENGINEERING WERE THOROUGHLY DISCUSSED AND SEVERAL AREAS OF POSSIBLE FUTURE MULTI-NATIONAL COOPERATION WERE IDENTIFIED IN EACH AREA. HOWEVER, IT WAS THE CONSENSUS OF THE DELEGATES TO NEW ZEALAND MEETING THAT NONE OF THE SUBJECT AREAS WAS READY AT THIS TIME FOR SPECIFIC INTERNATIONAL R&D

PROJECTS. THE VALUE OF CONTINUED INFORMATION EXCHANGE IN THESE AREAS WHICH MAY LEAD TO COOPERATIVE PROGRAMS WAS EMPHASIZED BY ALL PARTICIPANTS.

6. IN RESPONSE TO U.S. PRESENTATION AT CCMS PLENARY,
ITALY AND FRANCE NOTED WITH APPROVAL PILOT STUDY PROGRESS.
FRANCE EXPRESSED INTEREST IN NON-ELECTRIC USES AND
RESERVOIR MECHNICS. GERMANS AND CANADIANS ALSO PLAN
TO PARTICIPATE IN SEVERAL OF THE PROJECTS.
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EC BRUSSELS
OECD PARIS
BRUSSELS
EUEHKO TOKYO
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